19990715.qrp v01_n519.qrl.990715

Date: Thu, 15 Jul 1999 19:03:18 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1519

QRP-L Digest 1519

Topics covered in this issue include:

 1) [45126] Power Output
 by "Charles Hamel" <cdhamel@pdq.net>
 2) [45127] Re: Propagation Primer 101
 by "Ed Hare, W1RFI" <w1rfi@arrl.net>
 3) [45128] Letter campaign needed?
 by "Marshall Emm" <mgemm@mtechnologies.com>
 4) [45129] silver mica caps still around?
 by "Dave Benham" <dodgeboy@mindspring.com>
 5) [45130] Re: FT840 Narrow Filter
 by "Tracy Underwood" <ku4fl@email.msn.com>
 6) [45131] silver mica caps still around?
 by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
 7) [45132] Closet QRPers...
 by Mighty Mik <mitymik@hooked.net>
 8) [45133] Century 21 info TNX!
 by tom whalen <wb5qyt@eFortress.com>
 9) [45134] Re: Letter campaign needed?
 by Bob Hightower <ki7mn@extremezone.com>
 10) [45135] Re: Letter campaign needed?
 by hamjoel@juno.com
 11) [45136] Re: Letter campaign needed
 by "Robert P. Okas" <vintage@best.com>
 12) [45137] Re: Letter campaign needed?
 by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 13) [45138] Re: out-of-call-district callsigns
 by Clay N4AOX <wyn@worldnet.att.net>
 14) [45139] RE: DX QSO with 1.5 watts and dipole
 by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
 15) [45140] RE: More about SW20 Small Wonder QRP rig
 by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
 16) [45141] QRP Traps - Thanks for all the replies!
 by Jay Freeman <jayFreem@direcpc.com>
 17) [45142] QRO operations
 by malman@world.std.com (Joel Malman)
 18) [45143] Re: Letter campaign needed?
 by Monte Stark <ku7y@dri.edu>
 19) [45144] Help

by Monte Stark <ku7y@dri.edu>
20) [45145] Re: out-of-call-district callsigns
by Pete Burbank <plburbank@kih.net>
21) [45146] Re: Help
by Monte Stark <ku7y@dri.edu>
22) [45147] Saving REFLECTIONS
by guillotstutoring@juno.com
23) [45148] Re: Letter campaign needed
by KB9OCE@aol.com
24) [45149] Kenwood TR2200GX
by Eim Mulder <mulder@nfra.nl>
25) [45150] RF ammeter kit?
by iapizloj@bicc00.bi.ehu.es (Jon Iza)
26) [45151] Re: FS: Goodies! New Post
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
27) [45152] FS: Vibroples Brass Racer w/cover
by Larry Jones <ljones@flash.net>
28) [45153] FS: ARRL RADIO DESIGNER
by Larry Jones <ljones@flash.net>
29) [45154] Re: Saving REFLECTIONS
by "Rod Cerkoney" <rwc@frii.com>
30) [45155] Re: Power Output
by Russ Dow <n7dw@garlic.com>
31) [45156] Nail Clipper Iambic Keyer
by "Randy Jouett" <rules@bellsouth.net>
32) [45157] H(ouston)QRP Meeting
by pierce@rice.edu (George F. Pierce)
33) [45158] Re: Desert Ratt
by "Nick Kennedy" <nkennedy@cswnet.com>
34) [45159] Re: Letter campaign needed?
by "Nick Kennedy" <nkennedy@cswnet.com>
35) [45160] H(ouston)QRP Meeting CORRECTION
by pierce@rice.edu (George F. Pierce)
36) [45161] To The Field
by "wayne reed" <wlreed@viaduct.custom.net>
37) [45162] K2 SSB option?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
38) [45163] Re: QRO operations
by Scott Howell <whowell@hq.nasa.gov>
39) [45164] It's a record
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
40) [45165] Re: Help
by Bruce Kizerian <kizerian@ced.utah.edu>
41) [45166] Archived QRP-L CD and the Send button
by "Richard E. Robinson" <rerobins@email.uncc.edu>
42) [45167] Re: Letter campaign needed?
by "Rod Cerkoney" <rwc@frii.com>
43) [45168] Re: Help

 by Chris Trask <ctrask@primenet.com>
44) [45169] Persistance pays off
 by "Chuck Adams K5FO" <adams@ticnet.com>
45) [45170] Switching Power Supply - Impressions
 by Bill Jones <kd7s@psnw.com>
46) [45171] Ft Tuthill
 by Bob Hightower <ki7mn@extremezone.com>
47) [45172] qrp full tablespoon
 by crc <crc@io.com>
48) [45173] Re: out-of-call-district callsigns
 by Roger Hightower <n7kt@earthlink.net>
49) [45174] Re: QRO operations
 by Terry Bendell <terryb@bmts.com>
50) [45175] Nice QRPp QSO
 by "Franco, Nicholas J" <franco@bnl.gov>
51) [45176] Re: To The Field
 by w4bws@juno.com
52) [45177] Re: Letter campaign needed?
 by w4bws@juno.com
53) [45178] Re: Help
 by "John Moriarity" <k6qq@hdo.net>
54) [45179] RE: Letter campaign needed
 by "Alex Mendelsohn" <ai2q@ispchannel.com>
55) [45180] W8KC QRP-L CD IMPORTANT MESSAGE
 by "Paul R. Valko" <prvalko@oakland.edu>
56) [45181] Ft Tuthill Home Brew Contest
 by Jerry Haigwood <w5jh@swlink.net>
57) [45182] qrp.... SSTV
 by hamjoel@juno.com
58) [45183] 20-15-10 signals down?
 by malman@world.std.com (Joel Malman)
59) [45184] ohr-400 /16 ohm headset OK?
 by "Joel Frederick Kluender" <nf9k@eudoramail.com>
60) [45185] QSL address
 by Oscar A Hoyt <k5ubs@juno.com>
61) [45186] Iowa QRP Net
 by Mark R Milburn <kq0i@juno.com>
62) [45187] Attack of the Condo Commandos..
 by "Phinizy, William" <wphinizy@filenet.com>
63) [45188] Re: K2 SSB option?
 by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
64) [45189] RE: Attack of the Condo Commandos..
 by "Phinizy, William" <wphinizy@filenet.com>
65) [45190] Re: 20-15-10 signals down?
 by Bob Patten <n4bp@bc.seflin.org>
66) [45191] Re: It's a record
 by "William R. Colbert" <af852@rgfn.epcc.edu>
67) [45192] QRP sprint this weekend?

by Goran Hosinsky <hosinsky@jet.es>
68) [45193] AR QRP 40m Net Results
by Robsparks@aol.com
69) [45194] Re: Attack of the Condo Commandos..
by "Mike Yetsko" <myetsko@insydesw.com>
70) [45195] Re: Attack of the Condo Commandos..
by Bob Nielsen <nielsen@primenet.com>
71) [45196] Clothes Pen Paddle
by "Randy Jouett" <rules@bellsouth.net>
72) [45197] Lifes too short...
by "Steven Weber" <kd1jv@moose.ncia.net>
73) [45198] Re: ohr-400 /16 ohm headset OK?
by "Steven Weber" <kd1jv@moose.ncia.net>
74) [45199] Re: Clothes Pen Paddle
by Bruce Kizerian <kizerian@ced.utah.edu>
75) [45200] RE: Letter campaign needed
by ac5ez@webtv.net (Larry B)
76) [45201] Re: W8KC QRP-L CD IMPORTANT MESSAGE
by "Chuck Adams K5FO" <adams@ticnet.com>
77) [45202] Re: Letter campaign needed
by Bruce Kizerian <kizerian@ced.utah.edu>
78) [45203] RE: Lifes too short...
by "Ed Tanton" <n4xy@att.net>
79) [45204] Propagation went downhill this week
by "Chuck Adams K5FO" <adams@ticnet.com>
80) [45205] Re: W8KC QRP-L CD IMPORTANT MESSAGE
by Roger Hightower <n7kt@earthlink.net>
81) [45206] QRP Banjo
by Bruce Kizerian <kizerian@ced.utah.edu>
82) [45207] QRO/QRP discussion. DLA's
by Ed Loranger <we6w@qsl.net>
83) [45208] ULS and pushed updates.
by Ed Loranger <we6w@qsl.net>
84) [45209] qrp-banjo joke!
by Dan Presley <talljazz@teleport.com>
85) [45210] Re: qrp-banjo joke!
by Chris Trask <ctrask@primenet.com>
86) [45211] QRP.... SSTV
by hamjoel@juno.com
87) [45212] FS
by E L D <wd7y@pyramid.net>
88) [45213] Re: qrp-banjo joke!
by Lee Jarvis <l2jarvis@mindspring.com>
89) [45214] Re: Attack of the Condo Commandos..
by David Gauding <david.gauding@bbs.galilei.com>
90) [45215] Re: QRP-L CD
by Jeff Logullo <logullo@mindspring.com>
91) [45216] Re: qrp-banjo joke!

 by david fouchey <dafouchey@home.com>
 92) [45217] Re: Archived QRP-L CD and the Send button
 by "Nick Kennedy" <nkennedy@cswnet.com>

Date: Wed, 14 Jul 1999 18:16:19 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [45126] Power Output
Message-ID: <003a01bece4e$e4b09020$331890d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="windows-1250"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got a question for the infinite wisdom on this group!! I do not own a
Wattmeter to tell exactly what I am putting out. Can you use a Digital
Multimeter to measure your watts out??

sorry for the bandwidth!

Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
http://www.angelfire.com/de/kc5dxq/index.html

Date: Wed, 14 Jul 1999 19:20:14 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [45127] Re: Propagation Primer 101
Message-ID: <378D1B2E.194B@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kory Hamzeh wrote:

> I read your well written primer with great interest and I learned a lot. Can
> you also explain what the A and K indexes mean? For example, I've noticed
> that when the A index is high (>10), the band are very noisy. Is this
> correct?

Hi, Guys and Gals,

Right now, this is on ARRL's beta-test page, but I cut and pasted it here for your reading enjoyment.

73,
Ed Hare, W1RFI

Here Comes the Sun!

ARRL Technical Information Service page
Prepared by the ARRL Laboratory Staff

Solar activity can aid or hamper HF propagation beyond line-of-sight range. Many information sources can help us keep up with solar conditions. This month, ARRL Laboratory Technician Mike Gruber, WA1SVF, assisted by Senior Technical Editor Dean Straw, N6BV, answers some questions about how Ol' Sol influences the propagation of radio signals.

I've only been on the air on HF for a year. I've heard about the Sun's 11-year sunspot cycle and would like some details. Can you help?

I'd be delighted. First, let me state that the interactions between the Sun and our Earth are incredibly complex. Even scientists who have studied the subject for years do not completely understand everything that happens on the Sun. I will try to give you some general background about how the Sun affects radio propagation here on Earth.

The Sun emits electromagnetic radiation of all kinds, ranging in frequency from below HF all the way to the X-ray region. Much of the energy is emitted as heat. Some solar radiation ends up here on Earth, providing the energy needed to sustain all activity here-including HF radio propagation. Although our Sun is not a particularly large or spectacular star, it still radiates an almost unimaginable amount of energy into space. The total power radiated by the Sun is estimated at 4*10^1023 kW-that is, the number four followed by 23 zeroes. At its surface, the Sun creates about 60 megawatts per square meter. Now that is some transmitter!

The Sun also is constantly ejecting material from its surface in all directions into space. This makes up the so-called solar wind. Under relatively quiet solar conditions the solar wind blows around 200 miles per second-675,000 miles per hour-taking away about two million tons of solar material each second from the Sun. Don't worry: the Sun is not going to shrivel up anytime soon. It's big enough that it will take many billions of years before that happens.

A 675,000-mph wind sounds like a pretty stiff breeze, doesn't it? Lucky

for us, the density of the material in the solar wind is very tiny by the time it has been spread out into interplanetary space. Scientists calculate that the density of the particles in the solar wind is less than that of the best vacuum they've ever achieved on Earth. However, even such a low density of solar particles can have immense effects here on Earth.

For years scientists have used different filters on their optical telescopes to observe various aspects of solar activity. Starting in the 1930s, observations began at radio frequencies and now we have satellites that specialize in watching what happens at the Sun and in space.

One of the best known gauges of overall solar activity is the number of sunspots seen on the Sun's surface. Sunspots are relatively cool areas that appear as dark spots. (CAUTION: Do not look at the Sun with the naked eye or a telescope; you could permanently damage your eyes.) Surprisingly, sunspots are not really dark, but appear so only because the surrounding surface is even hotter and brighter. A large sunspot can be up to 80,000 miles in diameter.

Systematic study of solar activity began around 1750. Long-term sunspot activity varies in cycles. On average, the number of sunspots reaches a maximum every 11 years, but the period has varied from 7 to 17 years. The first cycle to be completely and scientifically observed began in 1755; we know it as Cycle 1. We are now just starting Cycle 23. Solar activity also follows a 27-day cycle: the sun's rotational period.

Sunspot activity changes continuously. A sunspot can vary in size and appearance, or even vanish, within a single day. Large areas of sunspot activity usually last through several rotations of the Sun, some as long as two years. To offset the confusing effects of short-term changes, we average (or smooth) solar data. HF propagation predictions commonly use Smoothed Sunspot Numbers (SSN), which are monthly sunspot counts averaged over a 12-month period.

Solar-flux readings are another measure of solar activity. The average intensity of solar emissions also varies slowly over the 11-year solar cycle. A solar flux reading is a measure of power received, per unit area, per unit frequency. The Dominion Radio Astrophysical Observatory in Penticton, British Columbia, measures 2800-MHz (10.7-cm) solar-flux data daily at local noon. Solar flux correlates well with the intensity of ionizing UV and X-ray radiation. Smoothed Sunspot Numbers range from 0 to over 200 and solar-flux numbers range from 60 to 300.

That's really interesting stuff. But how can I use the Smoothed Sunspot Number to tell whether 10 meters will be open today for DX?

Long-time users have found that the upper HF bands are reliably open for propagation only when the average number of sunspots is above certain minimum levels. For example, from mid-1988 to mid-1992 during Cycle 22, the SSN stayed higher than 100. The 10-meter band was open then almost all day, every day, to some part of the world.

Nowadays, in mid-1996, few if any sunspots show up on the Sun, and the 10-meter band is rarely open. Even 15 meters, normally a workhorse DX band when solar activity is high, is closed most of the time during this low point in the solar cycle. Sunspots are associated with increased solar ultraviolet (UV) radiation. UV acting on the ionosphere is what makes radio propagation exciting on the upper HF bands.

Scientists believe that we are in the transition to Cycle 23 right now. The first sunspots from the new cycle were identified and reported on August 12, 1995. Solar activity however has remained very low since that time. Sorry, but it will be at least several years before we return to the days of hot 10-meter DX again.

Wait a minute. My Elmer told me that several years ago, when sunspot numbers were really high, sometimes conditions were still really "rotten." What gives?

Let's try to keep something in perspective the Sun is a very large, very hot, thermonuclear ball of flaming gases. The Sun and its effects on earthly propagation can be described in "statistical" terms-that's what the 11-year solar cycle does. However, you may experience vastly different conditions on any particular day compared to what a long-term, 11-year average would suggest.

Have you ever gazed into a blazing campfire and been surprised when a flaming ember or a large spark was ejected in your direction? The Sun can also do unexpected and sometimes very dramatic things. Disturbances of propagation conditions here on Earth are caused by disturbed conditions on the Sun.

There are three general types of major disturbances on the Sun that can affect radio propagation, and almost invariably they do so in a negative manner. You may hear people complaining about Solar Flares, Coronal Holes or Sudden Disappearing Filaments, especially when propagation conditions are "rotten." Just like the weather, there's not a lot we can do about solar disturbances, except perhaps to know they're coming and then to endure the effects. Each disturbance causes both electromagnetic radiation and ejection of material from the Sun.

Solar Flares

Solar flares are cataclysmic eruptions that suddenly release huge

amounts of energy, including sustained, high-energy bursts of radiation from VLF to X-ray frequencies and vast amounts of solar material. Most solar flares occur around the peak of the 11-year solar cycle. The first earthly indication of a huge flare is often a visible brightness near a sunspot group, along with increases in UV and X-ray radiation and VHF radio noise. If the geometry between the Sun and Earth is right, intense X-ray radiation takes eight minutes to travel the 93 million miles to Earth at the speed of light.

The sudden increase in X-ray energy from a large flare can immediately increase RF absorption in the Earth's lowest ionospheric layers, sometimes causing a phenomenon known as a Sudden Ionospheric Disturbance (SID). An SID affects all HF communication on the sunlit side of the Earth and signals in the 2 to 30-MHz range may disappear entirely. Even background noise may cease in extreme cases. When you experience a big SID, your first inclination may be to look outside to see if your antenna fell down! SIDs may last up to an hour before ionospheric conditions temporarily return to normal.

Typically, several hours after a flare erupts at the Sun, particles begin to arrive at the Earth in the form of a plasma, a highly ionized gas made up of electrons, protons and neutral particles, traveling at speeds up to 300 miles per second. This may interact violently with the Earth's magnetic field. Really high-energy protons may even disable satellites orbiting high above the atmosphere.

Another possible effect of a high-energy particle bombardment during a flare may be high absorption of HF signals propagating through the polar regions. This is called a Polar Cap Absorption (PCA) event and it may last for several days.

Coronal Hole

A second major solar disturbance is a so-called "coronal hole" in the Sun's outer layer (the corona). Temperatures in the corona can be more than four million ?C over an active sunspot region but more typically are about two million ?C. A coronal hole is an area of somewhat lower temperature. Solar-terrestrial scientists have a number of competing theories about how coronal holes are formed. Matter ejected through this "hole" becomes part of the solar wind and can affect the Earth's magnetic field, but only if the Sun-Earth geometry is right.1

Statistically, coronal holes tend to occur most often during the declining phase of the 11-year solar cycle and they can last for a number of solar rotations. This means that a coronal hole can be a "recurring coronal hole," disrupting communications for several days about the same time each month, for as long as a year or even more.

Sudden Disappearing Filament

The Sudden Disappearing Filament (SDF) is the third major category of solar disturbance that can affect propagation. SDFs take their names from the manner in which they suddenly arch upward from the Sun's surface, spewing huge amounts of matter as plasma out into space in the solar wind. They tend to occur mostly during the rising phase of the 11-year solar cycle.

Thus, when the conditions are right, a flare, coronal hole or an SDF can launch a plasma cloud into the solar wind, resulting in an Ionospheric Storm here on Earth. Unlike a hurricane or a Nor'easter in New England, an ionospheric storm is not something we can see with our eyes or feel on our skins. We can't easily measure things occurring in the wispy ionosphere some 200 miles overhead. However, we can see the indirect effects of an ionospheric storm on magnetic instruments located on the Earth's surface, because disturbances in the ionosphere are intimately related to disturbances in the Earth's magnetic field.

During a geomagnetic storm ("geo" means Earth, in Greek), we may experience extraordinary radio noise and interference, especially at HF. You may hear solar radio emissions as increases of noise at VHF. A geomagnetic storm generally adds noise and weakens or disrupts ionospheric propagation for several days. Transpolar signals at 14 MHz or higher may be particularly weak, with a peculiar hollow sound or flutter-even more than that which is normal for transpolar signals.2

Okay, I understand more about solar disturbances. Now, what do the A-Index and K-Index numbers broadcast by WWV mean?

Scientists measure geomagnetic activity with a device called a magnetometer. It detects minute changes in the Earth's magnetic field, and may be as simple as a magnetic compass rigged to record the appropriate movement. Since geomagnetic activity can vary with location, a world-wide network of magnetometers monitors it. Two scales, the A and K Indices, quantify geomagnetic variations

A Index

The A Index is a daily average of data (from observatories around the world) that reflects the state of the Earth's magnetic field for the preceding 24 hours. The index can be revealing because geomagnetic disturbances due to phenomena such as recurring coronal holes tend to recur at 27-day intervals as the Sun rotates.

K Index

The K Index broadcast by WWV reflects the instability of the geomagnetic

field at Boulder, Colorado, over the last three hours. Such frequent updates can indicate K Index trends. A decreasing K Index is good, especially for propagation paths at greater than 30? latitude. Some VHF operators like to see an increasing K Index, because aurora is possible at K Index values of 3 and greater. Such values also warn that conditions associated with degraded HF propagation were present in Boulder, Colorado. Note: the K Index is a Boulder measurement-it may not correlate well to conditions in other areas.

The A Index range is from 0 to 400, while the K Index ranges from 0 to 9. Lower indices indicate better HF propagation conditions. Tables relating index readings and geomagnetic activity appear in an earlier QST discussion of WWV and WWVH propagation broadcasts.

Now that I have some idea what the numbers mean, how can I get them?

There are many sources:

1) National Institute of Standards and Technology (NIST) stations WWV and WWVH broadcast propagation information on 2.5, 5, 10, 15 and 20 MHz (WWV only) at 18 and 45 minutes past each hour, respectively.

2) The NIST in Boulder provides a telephone voice recording of the WWV/WWVH propagation message at 303-497-3235. There's also a continuous audio rebroadcast at 303-499-7111 (Colorado) and 808-335-4363 (Hawaii). NOAA provides the WWV solar-terrestrial data via several on-line services Gopher service is available by telephone bulletin board (303-497-7788; up to 28.8 kbps; login: gopher), telnet (telnet gopher.sel.noaa.gov; login: gopher) and the World Wide Web (http://www.sel.noaa.gov/. Files are available by FTP at ftp.sel.noaa.gov

3) When time permits, W1AW broadcasts a weekly propagation forecast as part of the normal, daily bulletins (http://www.arrl.org/w1aw/prop/). The W1AW schedule appears monthly in QST.

4) Local PacketClusters. Use the command SH/WWV/n, where n is the number of spots you wish to see (five is the default).

5) There are numerous sources for solar and propagation data and information on the World Wide Web. (A search for WWV yielded several hundred hits.)
HF propagation is a complicated, fascinating topic. To further your knowledge of the ionosphere and solar-terrestrial interactions, I highly recommend a book called Radio Amateur's Guide to the Ionosphere, by Leo F. McNamara.

Notes:

1. A plasma has a very interesting and somewhat bizarre ability. It can lock-in the orientation of the magnetic field where it originates and carry it outward into space. However, unless the locked-in magnetic field orientation is aligned properly with the Earth's magnetic field, even a large plasma mass may not severely disrupt our ionosphere. Presently, we don't have the ability to predict very well when a particular event on the Sun will result in an ionospheric or geomagnetic storm, although new satellites now being built should help us in the future.

2. Other modes of propagation, such as sporadic E, may provide sky-wave propagation on the 6 and 10-meter bands, especially during the summer. The mechanisms behind these propagation modes vary considerably from what we've discussed here, but they can offer exciting DX opportunities. Lower HF bands, such as 80 and 40 meters, are less susceptible to sunspot activity, and can provide good propagation possibilities even at the "bottom" of a cycle.

3. Tables relating the A and K Indices to each other and to geomagnetic activity appear in "Propagation Broadcasts and Forecasts Demystified," QST, Nov 1991, pp 20-24.

4. Leo F. McNamara, Radio Amateur's Guide to the Ionosphere (Malabar, FL: Krieger Publishing Company, 1994). Excellent, quite-readable text on HF propagation.

Page last modified: 5:03 PM, 30 Jun 1999 ET
Page author: tis@arrl.org
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Date: Wed, 14 Jul 1999 17:22:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@mtechnologies.com, qrp-l@lehigh.edu
Subject: [45128] Letter campaign needed?
Message-ID: <199907142321.RAA13146@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Ad for "QRO Technologies" on page 147, QST August 99, headline: "LIFE IS TOO SHORT FOR QRP..."

Don't have time to list the ways that is WRONG, WRONG, WRONG, and of course I'm talkin' to the choir here. But QST should be told that that is offensive to some of us and an ad that ridicules ANY aspect of the hobby is in very poor taste.

OK, CQC used to print "Life's too short for $800 finals" on stuff but our more current slogan "Skill not power" is probably less offensive. And I doubt we QRPers would object to a linear company advertising with the slogan "Power, not skill." [g]

I'll be writing a letter or two....

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
http://www.MorseX.com
http://www.ohr.com
(303)752-3382
--

Date: Wed, 14 Jul 1999 19:34:13 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <QRP-L@Lehigh.EDU>
Subject: [45129] silver mica caps still around?
Message-ID: <00f601bece51$676508a0$ded01004@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been working on an antenna project (a mini loop) which requires some silver mica cap's in pretty low pF values (15-18pF). When I go to the local electronic stores (which I haven't been to in quite some time - I blow hot & cold with projects; and these are not RS), I get weird looks when I ask for silver mica cap's.
Is silver too expensive to make these anymore? Has something else been substituted for RF work? What I am looking for is 500WV, which used to be a standard rating for commonly found silver mica cap's. Which brings up another question...
What should the minimum voltage rating of whatever cap I use for these loops be for typical 5W QRP operation? They are in series with the mini-loop. I have seen some ceramics, but the voltage rating is usually 50 or 100 which

seems too low to me.
Any ideas??
Thanks.
Dave K8TRF

Date: Wed, 14 Jul 1999 18:49:40 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <MertNellis@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45130] Re: FT840 Narrow Filter
Message-ID: <008a01bece53$8b896f80$d2340a3f@default>

Fox Tango; AKA International Radio & Computer in Florida. You can find their address in the back of the ARRL Handbook.
Tracy Underwood KU4FL
-----Original Message-----
From: MertNellis@aol.com <MertNellis@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, July 14, 1999 3:51 PM
Subject: FT840 Narrow Filter

>Someone at FDIM in Dayton last May mentioned that a narrow filter was
>available from somewhere for the FT840 but I didn't get the source or
>remember the person.
>If someone could send me a note with info on where to get the narrow filter
>(besides Yaesu of course). The stock item from Yaesu is not very narrow.
>I use the FT840 for some of my QRP work when not using the NC20.
>Thanks and 72, Mert W0UFO

Date: Thu, 15 Jul 1999 10:11:19 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45131] silver mica caps still around?
Message-ID: <378D2727.E7E386A8@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

A couple of years ago I bought literally a mixed bag of SM and
polystyrene, assorted values (some weird), voltage ratings and
tolerances (1%, 2%).

If I can help out I will, but maybe postage might make it impractical.
Anyhow the offers there.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - http://www.integritynet.com.au/~purdic/
URL - http://www.qsl.net/vk2tip/
"Three out of five Web experts agree that frames are the work of the
devil and represent all that is evil about the Web. The remaining two
experts are agnostic and think that frames are just a stupid idea" -

Date: Wed, 14 Jul 1999 17:14:01 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [45132] Closet QRPers...
Message-ID: <378D27B3.94B5D65C@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

heh...most people that own handheld radios are VHF/UHF QRPers...mine
maxes at 5W, and has a 50 milliwatt setting.

--
@@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2

Date: Wed, 14 Jul 1999 18:00:48 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45133] Century 21 info TNX!
Message-ID: <378D24B0.5E0D@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang!

Had to many responses to my post concerning the C-21 to sit down and thank each of you individually.So, a big THANK YOU to all that took the time to send me some info on the rig.

I received the rig for free. Believe it or not the rig has very few scratches, and the only thing wrong that I can see it that the dial plate has warped a bit. A call to TT and Im sure I can put the new one in no problem. Am having to get used to zero beating, but have a little practice since I also own a HW-8. Really a HOT receiver and the QSK is super fast, but thats typical TT.

Down to just about one week to Tuthill....Can't wait! See ya all there!

72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 14 Jul 1999 18:13:55 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: mgemm@mtechnologies.com
Cc: qrp-l@lehigh.edu
Subject: [45134] Re: Letter campaign needed?
Message-ID: <199907150106.SAA10933@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:22 PM 7/14/99 -0600, you wrote:
>
> Ad for "QRO Technologies" on page 147, QST August 99, headline: "LIFE IS TOO
> SHORT FOR QRP..."

Seems to me that they don't go along with the rule about using the least amount
of power to accomplish the QSO. Maybe they need to do a bit more reading.
72,73
Bob Hightower KI7MN

http://www.extremezone.com/~ki7mn

Date: Wed, 14 Jul 1999 21:56:47 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45135] Re: Letter campaign needed?
Message-ID: <19990714.215739.-309795.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sometimes it takes moren 5 watts to make a qso especially with some xmission methods and a poor antenna system...
Most of the hams I kneaux think that one should not go under 100 watts to qso because of qsb and qrm and qrn problems, this is especially prevelant on sstv...
The opposite side of the coin would be ... we, qrp ops would have to stop promoting qrp because qrp offends some other ops...

Live and let live... we think qrp is the better side of the coin... so let's live the better life, and smile at others folly... U can lead a horse to water but....

smile, life's too short to get upset
and sometimes its just to funny to take seriously
Joel KE1LA
In Maine

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Wed, 14 Jul 1999 19:24:22 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-l@lehigh.edu
Subject: [45136] Re: Letter campaign needed

Message-ID: <Pine.BSF.4.10.9907141923390.2197-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=X-UNKNOWN

Here we go again...

 I'm tired of all the kvetching between the QRO and QRP types. It's refreshing to see a little irreverance every now and then. If nothing else, it serves to remind us it's only a hobby, not the bloody Spanish Inquisition.

 BTW, I personally know more than a few well-known and well-respected qrp'ers that are closet QRO ops. You'll never hear them publicly admit it. You can use dynamite or hand-tied flies and catch fish. There's skill involved either way =8o

KW or mW, YMMV!
Bob - W3CD

On Wed, 14 Jul 1999, Marshall Emm wrote:

> Ad for "QRO Technologies" on page 147, QST August 99, headline: "LIFE IS TOO
> SHORT FOR QRP..."
>
> Don't have time to list the ways that is WRONG, WRONG, WRONG, and of course I'm
> talkin' to the choir here. But QST should be told that that is offensive to
> some of us and an ad that ridicules ANY aspect of the hobby is in very poor
> taste.
>
> OK, CQC used to print "Life's too short for $800 finals" on stuff but our more
> current slogan "Skill not power" is probably less offensive. And I doubt we
> QRPers would object to a linear company advertising with the slogan "Power, not
> skill." [g]
>
> I'll be writing a letter or two....
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express and Oak Hills Research
> "Everything for the Morse Enthusiast"
> http://www.MorseX.com
> http://www.ohr.com
> (303)752-3382
> --
>

Date: Wed, 14 Jul 1999 21:38:44 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45137] Re: Letter campaign needed?
Message-ID: <009801bece6b$29534c60$0b37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"LIFE IS TOO SHORT FOR QRP..."

NOT IF YOU KNOW WHAT YOU'RE DOING.

Realistically though, QRO is just another aspect of the hobby and it's probably fun to blast stations all over the world. I personally just get more bank for the buck with QRP and fits in well with my small city lot, camping excursions, and busy family. If I had an unlimited wallet, several acres, and kids out of the house I might want to try and ionize my own RF path. I'd probably just go for big antennas though.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Wed, 14 Jul 1999 22:43:46 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45138] Re: out-of-call-district callsigns
Message-ID: <378D4AE2.7A4C@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck Adams K5FO wrote:
>
>
>
> I respect everyone's right to keep the call and I
> know why it is done, but it personally defeats the
> purpose of having districts IMHO. I know that I have
> no voice in getting it changed and I'd cause a riot if
> I did. :-)
>
> I knew I'd opened a can of worms and it is an interesting
> discussion, but it is going to be even more interesting
> over the next few years to see what effects the call
> change will have on my situation.

Right on! However, just to cover the bases I have submitted my 610V for
K5FO.;-)j

72/73,
Clay N4AOX

Date: Wed, 14 Jul 1999 23:16:23 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@LeHigh.edu>
Subject: [45139] RE: DX QSO with 1.5 watts and dipole
Message-ID: <006801bece70$6be54880$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi ! Just worked UR5QGC, while running
just 1.5 watts into my broadband FAN DIPOLE...
YES, propagation is excellent on 20 meters
at this time - from 0200 to 0400 UTC...
The little SW20 was bringing in the QRO signal
from the UR5 to a 599...
How many miles per watt ?
Sorry... can't find the QTH of UR5QGC !!!!
72 and if you read this before going to
bed... take a little time away from sleep
and listen to 20 meters ! (and call CQ

if you hear very few or no stations ...
the UR5 came back to MY CQ call !!!
Arnie Coro
CO2KK
Arnie Coro CO2KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Wed, 14 Jul 1999 23:21:30 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@LeHigh.edu>
Subject: [45140] RE: More about SW20 Small Wonder QRP rig
Message-ID: <007401bece71$22ac5c20$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ran my NEW SW20 rig on the air tonite for the
first time...
Size versus power and receiver performance
RATIO is hard to believe !!!
I am running it from a 12 volt regulated
power supply...
Using an antenna tuner to feed the broadband
FAN DIPOLE...
Ran a couple of QSO's using my MOUSE KEY
built from a discarded computer mouse, but
the keyer took over after a few minutes as
it is much easier to operate !!!
Enjoying the new little radio !!!
Arnie
CO2KK
P.S> Look for CO2KK/QRP around 14.060 kHz !

Arnie Coro CO2KK

Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Wed, 14 Jul 1999 22:35:36 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45141] QRP Traps - Thanks for all the replies!
Message-ID: <378D5707.AD8138D0@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well neighbors,

Ask, and ye shall receive :). Thanks to everyone who kindly responded to my question, I'm tying to assimilate all the info and excellent suggestions. I also plan to peer into my ARRL handbook again, strangely enough, the ARRL Antenna Book hasn't much to say about traps.

72/3 es tnx agn,

Jay - WT9S

Date: Wed, 14 Jul 1999 23:36:15 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [45142] QRO operations
Message-ID: <199907150336.AA28723@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Sometimes (sorry to say), QRO is needed. Example: when I was in college (in the late 60's) I was NCS for the ECARS phone net on 40 meters many times. The college station was used for NCS a few times per week. We needed to work most all of the east coast and out to W8. The antenna was a 40m dipole on top the engineering building at about 70 foot, but we still needed QRO to manage the net most of the time. BTW: the rig was Collins S-line, but I don't remember what amp I was using.

Of course, at the same time, my home station (in a 5 floor walk-up in downtown Boston), was only QRP... HB and Heathkit stuff...

72

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Wed, 14 Jul 1999 21:11:57 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45143] Re: Letter campaign needed?
Message-ID: <Pine.GSO.4.10.9907142106150.27027-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jul 1999 hamjoel@juno.com wrote:

>
> smile, life's too short to get upset
> and sometimes its just to funny to take seriously
> Joel KE1LA
> In Maine
>

Amen!

Power is OK.

I run one contest a year using my full power of 100w. That's the NAQP. There in NOTHING like running stations at over 150 per hour! (And the "Big Boys" can do MUCH better than that!).

And keep this in mind....there is a fellow who owns one of the
major amp companys who holds some QRP records!

And who can ever forget the photo of Danny, with that big
cigar and the "Life's too short for QRP" Tee shirt in the ad
for an amp. This is the guy who holds a major QRP record!

Those sayings have been around for a long time and are just
funny things.

They sure don't offend me!

cul,

73, Ron, SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 14 Jul 1999 21:16:03 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [45144] Help
Message-ID: <Pine.GSO.4.10.9907142114180.27196-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

There was a fellow who Chuck congratulated on his sending
with a bug.

He is also a banjo picker.....I hit the wrong key and lost
his message and address.

Could you please contact me?

Thanks all,

73, Ron, SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 15 Jul 1999 00:22:17 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [45145] Re: out-of-call-district callsigns
Message-ID: <3.0.32.19990715002213.006856b4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:43 PM 7/14/99 -0400, you wrote:
>Chuck Adams K5FO wrote:
>>
>>
>>
>> I respect everyone's right to keep the call and I
>> know why it is done, but it personally defeats the
>> purpose of having districts IMHO. I know that I have
>> no voice in getting it changed and I'd cause a riot if
>> I did. :-)
>>
>> I knew I'd opened a can of worms and it is an interesting
>> discussion, but it is going to be even more interesting
>> over the next few years to see what effects the call
>> change will have on my situation.
>
>Right on! However, just to cover the bases I have submitted my 610V for
>K5FO.;-)j
>
>72/73,
>Clay N4AOX
Wow!!! to illustrate the point, just zeroed a KH6 on 30 meters
he is signing KH6---period and turns out the guy is in Texas!!!AARRGGHH!!!
What is the big problem in letting folks know where you are??
Credit card debt? Smelly feet??
a /5 is not that hard to send....
72/3 87/8 Pete NV4V ex K0CJF WB2HRF W4VCT
Somewhere south of Nonesuch,Ky and N.E of Gravel Switch...U.S.A.

Date: Wed, 14 Jul 1999 21:30:16 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45146] Re: Help
Message-ID: <Pine.GSO.4.10.9907142129470.27196-100000@rotor.dri.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I got the info I needed already!

Super bunch here!

Thanks all,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu..........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 14 Jul 1999 23:34:55 -0500
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [45147] Saving REFLECTIONS
Message-ID: <19990714.233502.-867803.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Any body know how to save a copy of ANOTHER LOOK AT REFLECTIONS without
printing it out. I managed to save it as a print file that I cannot
figure out how to print or view.

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrparci#3988, ARRL(life)

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 15 Jul 1999 01:43:31 EDT
From: KB9OCE@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)

Subject: [45148] Re: Letter campaign needed
Message-ID: <a73c7811.24becf03@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone knows that a qso may be finessed by a gentleman, or bullied by a gorilla. I, personally am a gentleman. <sniff...sniff> I do believe I smell some bananas rotting out there!

Milliwatts, not megawatts!

I will give up my 2N2222 only when they pry it from my cold, dead fingers!

"The Brutish are coming..."

etc, etc

73
Mike, kb9oce

Date: Thu, 15 Jul 1999 08:24:05 +0200
From: Eim Mulder <mulder@nfra.nl>
To: QRP-L@Lehigh.EDU
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [45149] Kenwood TR2200GX
Message-ID: <s78d9ab1.045@server4.nfra.nl>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hi everyone,

More then 20 years ago i have bought mysels a 12 channel portable =
tranceiver made by Kenwood type TR2200 GX.
I still have this rig, but on some or other way i lost the original =
manual and schematic of it.

On this moment I need the chematic urgently becease the rig is out of =
balance and doesn't produce enougf power.

An schematic of the older models such as the TR2200 or TR2200G is no =
problem, But the thing is that by the last two one,s the output power is =

just 1 Watt and by the 2200gx this is switchable between 400mw/2 watts and =
has also a possibillity for use of a VFO (also used by the TR7200G).

Is there some one who can help me on a copy of the schematic and/or manual =
of (and only) the TR2200GX.

Eim.....PA3CMD.....

Date: Thu, 15 Jul 1999 08:26:07 +0200
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)
To: qrp-l@lehigh.edu
Cc: iapizloj@bicc00.bi.ehu.es
Subject: [45150] RF ammeter kit?
Message-ID: <9907150626.AA45676@bicc00.bi.ehu.es>

Gang,
I just got some datasheets of the Unitrode UCC1926/3926 20 Amp sensor IC.
It looks like sensed frequencies can go as high as 40 MHz...
Who is going to use it to build an RF ammeter????
Inquiring minds wanna know.
jon, ea2sn

Date: Thu, 15 Jul 1999 02:49:05 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45151] Re: FS: Goodies! New Post
Message-ID: <378D8461.C094457@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an RCI 2950, 10m mobile rig for sale. It is in excellent condition.
I have no manuals or the original packaging, but it will be properly
packaged for shipment. Gotten great reports and the rig operates flawlessly
on 10m. Price is $200, which includes shipping and insurance.

In addition, I have a complete HF station for sale....I would like to
purchase an ICOM 706 MK2, so it has to be sacraficed. The first item is an
Alinco DX 70TH (QRP capable!) in nearly new condition. Price is $650, plus
$15 for shipping and insurance. I have the manual and original packaging.

I also have an Alinco EMS-14 power desk mic in nearly new condition. No

packaging or paperwork, but it's a nice compliment to the HF station, nonetheless. Price is $80, plus $7 shipping and insurance.

Finally, I have a Realistic DX 394.....great gen. coverage receiver for the shack. I have the manual and original packaging. Price is $250 obo, plus $15 for shipping and insurance.

Please reply directly if you are interested in any of these items.

72/73,
Erv W8ERV

Date: Thu, 15 Jul 1999 01:56:36 -0500
From: Larry Jones <ljones@flash.net>
To: qrp-l@lehigh.edu
Subject: [45152] FS: Vibroples Brass Racer w/cover
Message-ID: <378D8624.5DC6@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings...

 I have a Vibroplex Brass Racer for sale for $85. This included shipping. The plastic cover has a couple of scratchs in the top, but other than that the set is in excellent condition. Contact me direct at ljones@flash.net

Larry N5OSG

Date: Thu, 15 Jul 1999 01:58:42 -0500
From: Larry Jones <ljones@flash.net>
To: qrp-l@lehigh.edu
Subject: [45153] FS: ARRL RADIO DESIGNER
Message-ID: <378D86A2.2BF6@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings...

I have for sale a ARRL Radio Designer v1.5 for $130. This includes shipping. Contact me direct at ljones@flash.net.

Larry N5OSG

Date: Thu, 15 Jul 1999 01:36:03 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: <guillotstutoring@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45154] Re: Saving REFLECTIONS
Message-ID: <002b01bece94$cb6f4020$ed8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed, et.al.
----- Original Message -----
From: <guillotstutoring@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 14, 1999 10:34 PM
Subject: Saving REFLECTIONS

> Any body know how to save a copy of ANOTHER LOOK AT REFLECTIONS without
> printing it out. I managed to save it as a print file that I cannot
> figure out how to print or view.
>

Go to the TIS page, not the reflections page, then use your browsers "save link as" function. Be sure to append a ".pdf" to the file name if you are in a windows environment.

If you print it to a file, copy the file, in binary mode, to your printer port:

 copy /b <filename> lpt1

assumes windows environment.

drop me a line if I can help further.

72/3 Rod, N0RC
da di dah

Date: Thu, 15 Jul 1999 00:17:54 -0700
From: Russ Dow <n7dw@garlic.com>
To: cdhamel@pdq.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45155] Re: Power Output
Message-ID: <378D8B22.7D33E7E5@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Charles,

Where are all the gurus tonight? Maybe they answered you direct. Well, here's $0.02 worth from a flunked-out EE major turned business programmer.

You can determine power output using your DMM, but not directly. You need an RF probe to obtain a DC voltage, and basic math skills to find the power. Use the formula P = E**2 / R, where E is the DC voltage, and R is the resistance of your dummy load.

There are commercially made RF probes, and they are nice, but they cost a lot. Fortunately, you can easily build a simple one, ugly style, for a few dollars. It won't handle high power, and its precision will not be up to lab standards, but it will work.

The only components you need are a .01 uf capacitor, a 4.7 M resistor, and a 1N34A or similar diode. Simplicity itself. The ARRL Handbook has a schematic and explanation.

Hope this helps.

73,
Russ N7DW [/6] ;=)

Charles Hamel wrote:

> Got a question for the infinite wisdom on this group!! I do not own a
> Wattmeter to tell exactly what I am putting out. Can you use a Digital
> Multimeter to measure your watts out??
>
> sorry for the bandwidth!

>

Date: Thu, 15 Jul 1999 03:24:18 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45156] Nail Clipper Iambic Keyer
Message-ID: <003d01bece9b$867c2c10$2266d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, folks. Let it be known that you can build an
iambic keyer out of 2 nail clippers, a piece of
wood, and a couple of bolts and nuts. I'm still
working out the details, but the preliminary
test results say that it can be done :^) :^) :^).

Hmmm. Would love to call it the Clipperton,
but that name has already been taken. Shucks :^).

72/73,

Randy Jouett, AB5NI

Date: Thu, 15 Jul 1999 04:57:04 -0500
From: pierce@rice.edu (George F. Pierce)
To: qrp-l@lehigh.edu
Subject: [45157] H(ouston)QRP Meeting
Message-ID: <v0151012cb3b35ec6db52@[128.42.177.176]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HQRP has its regular meeting ths Saturday, 9-11 at Union Planters Bank,
5005 Wooodway, Houston. Bring your QRP related projects and swap/FS items.
Info or directions? Call George, WA5ABS, at 713-669-9080.

George F. Pierce III
WA5ABS M0BOD
Email: pierce@rice.edu

Date: Thu, 15 Jul 1999 05:56:25 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <72507.235@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45158] Re: Desert Ratt
Message-ID: <005901beceb0$afbe41c0$c37054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How touchy is the tuning? Hoo-boy!!

I built the first version (At least I think that early ASCII schematic was the first Desert Rat). I used a poly BC capacitor but put a smaller (40 pf??) in parallel for fine tuning. I wound the coil on a film can as suggested because it looked so cool.

Reminded me of some of those horrible hallicrafters receivers I used back in the early 60's. Tune to a station, tune beyond it about 10 to 30 KHz, release the knob and hope the backlash (and removal of hand capacitance) put you back on frequency. (But it never did.) Later, I removed the poly cap, just leaving the small one and re-did the coil on a toroid. Also re-scaled things to just cover 40 CW. (SW BC is fun for a while, but I get tired of preachers and Portugese in a hurry and long for CW only.)

It worked much better that way, but I still need to calm it down. I want to upgrade to the fancier schematic and maybe put in that varicap fine tuning.

A great project--go for it! Your reduction drive will probably be very helpful.

BTW--my construction techniques give Ugly a bad name. No doubt part of my problem, if I had a problem.

72,

Nick, WA5BDU

-----Original Message-----
From: Rick McNelly <72507.235@compuserve.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, July 13, 1999 7:54 PM
Subject: Desert Ratt

>Hello All,
>
>I'm planning to build a Desert Ratt 3 but I've never played with a regen
>before. Using the Poly tuning cap and winding the coil as specified for a
>tuning range of 6-15 MHz, how touchy is the tuning?
>
>I have one of those mini boom box looking AM FM radios and it uses the poly
>tuning cap, has a nice on-off volume control and has two speakers. I think
I
>can reshape the AA battery compartment to hold a 9v, and can mount a pot
for
>the regen thru the top.
>
>My other options are to use a 50-200 air variable w/ reduction drive from
>someones failed antenna tuner project. Very smooth but it is huge! Or I
could
>scarf a 20-140 air variable and reduction drive from a HW-7. The radio is
bone
>stock and very clean but I have no use for it and it has some nice parts in
it.
>What is a clean, stock, HW-7 without a manual worth anyway?
>
>72/73's,
>
>--Rick, KE4IZH
>
>QRP-L # 493
>72507.235@compuserve.com
>Chesapeake, Va.
>MP2.1K
>'98 Sportsman
>

Date: Thu, 15 Jul 1999 06:00:56 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45159] Re: Letter campaign needed?

Message-ID: <006301beceb1$5103f660$c37054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, I LIKE the slogan. (Life's too short for QRP.) It's clever and it seems almost a back-hand compliment to QRPers.

I'd like to think that we're PRO QRP--because its fun.

We're not ANTI--anything.

72, 73 and yes, even 74,

Nick, WA5BDU

Date: Thu, 15 Jul 1999 05:08:09 -0500
From: pierce@rice.edu (George F. Pierce)
To: qrp-l@lehigh.edu
Subject: [45160] H(ouston)QRP Meeting CORRECTION
Message-ID: <v0151012fb3b362ebd4be@[128.42.177.176]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

George's phone is 713-669-9060.

George F. Pierce III
WA5ABS M0BOD
Email: pierce@rice.edu

Date: Thu, 15 Jul 1999 06:50:14 -0400
From: "wayne reed" <wlreed@viaduct.custom.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45161] To The Field
Message-ID: <023801beceaf$d2b79d80$7e4961ce@q7c8d5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,
 Just bought two camp chairs made of canvas. They were on Ace's monthly sale list. Just about perfect for QRP field operations [that's where mine are headed later this morning], compact, strong, comfortable and CHEEP!! [about $12 ea].
 Usual disclaimers!
Wayne, k9ne
wlreed@custom.net

Date: Thu, 15 Jul 1999 14:40:26 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [45162] K2 SSB option?
Message-ID: <378DC8AA.1261@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I'm back after a business trip and holidays that lasted 4 weeks. Any info on the current status of the SSB option for the K2 is welcome.

I haven't seen any new info on this option on the Elecraft list, so I suppose it's still in the future.

BTW, from a temporary QTH in Holland I (PA/OH2ZAZ/P) worked Don, W3RDF. He was using his Elecraft K2, I used my Sierra at 5 W into a dipole at 4 m agl on 20 m.
Don is visiting Finland this weekend, which I knew. I hadn't been looking for him, though, and we didn't have a sked either, it was just a random QSO around 14060 kHz, so it was really a big surprise. Don had about the best signal from the USA I heard during my trip. With other US stations signals would fade away too much to allow the QSO to be continued for very long, but Don and his K2 Apart from my lousy CW copying skill, good copy all the way.
Well, it may also have been due to good propagation, of course ;-)

73, Arjen
OH2ZAZ
--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Thu, 15 Jul 1999 07:56:01 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: malman@world.std.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45163] Re: QRO operations
Message-ID: <3.0.5.32.19990715075601.007e81c0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

my opinion is whether you use qrp or qro makes no difference at the higher level. Reason is at least your radiating. Yes qrp is much more challenging and I run qrp a good bit of the time, but I am not oppose to turning the wick up as needed. I dont' much care what folks in the qrp community think of me for running qro, but if it is the difference in working someone or not working someone, I'll do what I can to make and continue the conttact. I have started out qrp and gone qro during a qso in order to keep the qso going.
I have also started out qro searching for novice/tech+ stations to work and taken them down to qrp. So, some of you get all worked up over those running qro cause it some how offends you, fine, but remember that the goal is first and formost to operate. Qrp is secondary in that if you can work them at qrp levels that is absolutely great and I am all for it, but if you have to crank it up a bit to make or keep a contact, then why not.
What's so wrong with that. What is more important to you. Don't bother answering my question directly. Answer it in your own mind and operate accordingly. I hold nothing against qrp or qro ops. Of course my other opinion is that if I can't work them with 1 to 100 watts, then I guess I won't bother cause I haven't an amp and don't want one.

So, there's my two cents worth and think of me what you will.

72/73 de Scott/n3byy

Date: Thu, 15 Jul 1999 13:17:25 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>, "GQRP-L" <gqrp@onelist.com>
Subject: [45164] It's a record
Message-ID: <004901becebc$02699540$35eb5cc3@prsat0xl>
MIME-Version: 1.0

Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

720 hits on my web site last week - the highest yet! Now if I charge a pound
(1.6 dollars) each, I'll be rich...!
Enjoy
...
Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page http://www.karoo.co.uk/g3ycc/

Date: Thu, 15 Jul 1999 06:40:48 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45165] Re: Help
Message-ID: <378DD6CF.D4DB4905@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> He is also a banjo picker.....I hit the wrong key and lost
> his message and address.

Yeh, who is he? Us banjo-playings hams must stick (pick?)
together!

Bruce kk7zz

Date: Thu, 15 Jul 1999 08:48:56 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Cc: prvalko@oakland.edu
Subject: [45166] Archived QRP-L CD and the Send button
Message-ID: <v03102802b3b386188187@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul, W8KC, writes;

>I just spent (wasted?) ANOTHER hour of my life scanning through the QRP-L
>Archives on this great CD. It is a LAFF RIOT. I read up on all the
>original ZOMBIE posts from last year - a hoot!

I don't know about anyone else, but this CD sure makes me re-think my posts
before I hit that "Send" button. All those flames, stupid remarks, off
topic posts, mine and everyone elses are there, preserved for posterity.

That's kinda scarey isn't it?

72,

Rick kf4ar

Date: Thu, 15 Jul 1999 07:17:53 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45167] Re: Letter campaign needed?
Message-ID: <017201becec4$9e6b5a20$0c8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

FWIW:

----- Original Message -----
From: Marshall Emm <mgemm@mtechnologies.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 14, 1999 5:22 PM
Subject: Letter campaign needed?

> Ad for "QRO Technologies" on page 147, QST August 99, headline: "LIFE IS TOO
> SHORT FOR QRP..."
>
> Don't have time to list the ways that is WRONG, WRONG, WRONG, and of

course I'm
> talkin' to the choir here. But QST should be told that that is offensive
to
> some of us and an ad that ridicules ANY aspect of the hobby is in very
poor
> taste.

taste great, less filling
QRO, QRP
Code/No-code
My Dad is bigger than your Dad
...
Life is too short to get in the endless arguments.

Do what you choose to and enjoy yourself, to each there own.

72/3 Rod, N0RC
da di dah

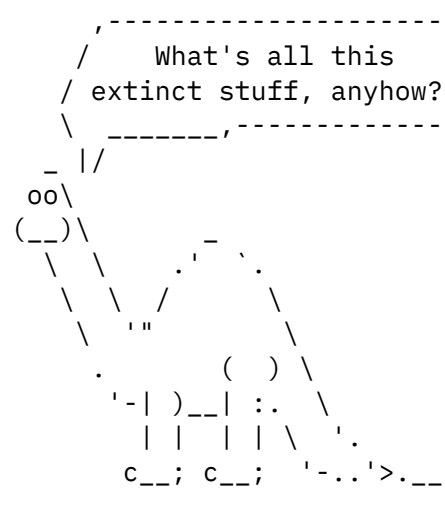
Date: Thu, 15 Jul 1999 06:20:52 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Bruce Kizerian <kizerian@ced.utah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45168] Re: Help
Message-ID: <Pine.BSI.3.96.990715061930.14771B-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jul 1999, Bruce Kizerian wrote:

>
> > He is also a banjo picker.....I hit the wrong key and lost
> > his message and address.
>
> Yeh, who is he? Us banjo-playings hams must stick (pick?)
> together!
>

 What's perfect pitch for a banjo? Not hitting the sides of the
dumpster and landing in the middle of the accordian. Nothing but bellows.

Chris



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 15 Jul 1999 08:42:37 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [45169] Persistance pays off
Message-ID: <E114lnp-0000ke-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

I have to give Dick, K2REB, the persistance award of
the year!!

For the last two nights he stalked me down on 30M
and hollered at me, but he must have laryngitis. :-)
The first night I heard a peep in the noise but couldn't
tell a dit for a dah. Last night I got the call, 349,
Dick, and NY, so it is a QSL'able contact.

Let's see now ---- K2REB 349 DICK NY will count as
4 words. Total time 0517UTC to 0524UTC for seven
minutes. WPM = 0.57wpm. I think I gotta give us the
slowest rate for a QSO that I have ever done. :-)
And I thought you guys from NY were supposed to talk
faster than that. :-) (12:17am CDT vs. 1:17am EDT!!
This guy must not have an early job to run to...) :-)

But, who else but a couple of QRPers would stick it out
through thick and thin to complete a QSO. We're either
very patient or very very dense in the brain department.

Ha, bet you thought from the title that I got KL7!!
Nope and it doesn't matter as long as friends like that
are around. QRPers are never alone, you know a QRPer you've
got a friend for life.

Thanks for the contact and catch you down the logbook.

dit dit

Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Date: Thu, 15 Jul 1999 07:06:56 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [45170] Switching Power Supply - Impressions
Message-ID: <378DEB00.139B8593@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A couple weeks ago I asked for first-hand experiences using switching
power supplies. Everybody who responded seemed to be pleased with them
so I ordered the Astron SS-30M. I set it up on the desk right next to
my TS-570D(G). I am happy to report that I can hear no switching noise
on any frequency. As a stress test I ran the Kenwood up to 100 watts
and sent a couple SSTV pictures to some guys on 14.230 MHz. I followed
that with an RTTY QSO on 14.083 MHz. The power supply delivered a
steady 20 Amps at 13.8 volts without a whimper. Only after a rather
long RTTY transmission did the cooling fan kick in. Next, I turned the
TS-570D(G) down to 5 watts and had a couple good CW contacts. Still no
noise. My next test will be to use the Astron to power my Ten Tec
Argonaut, my NC20 and my 40-9er. I am very impressed with the Astron

SS-30M and would buy another one if I needed it.
--
==========
Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s
==========

Date: Thu, 15 Jul 1999 07:21:23 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [45171] Ft Tuthill
Message-ID: <199907151414.HAA29039@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

More stuff!

Add to the door prize list:

A bound set of the 1998 QRPp's, all four issues, from NorCal

Three (3) copies of the Autumn 1998 issue of QRPp, the Elmer 101 issue, from NorCal

Three (3) QRP Station logs, from NorCal

A Small Wonders Labs SW40+ kit, from Bertie Hightower N7XJW

Only just over a week left, and the excitement is building. There are over 70 pre-registrants, and probably that many more walk-ins. Gonna be a great time. Ed Hare, W1RFI is bringing the original Tuna Tin 2, and YOU can operate it from the site. He's got a couple more surprises, as well.

Our "Ask the Doctors" panel is getting all fired up to answer your most involved questions, including how Dr Jim Duffey KK6MC/5 can gete away with using only one Wilkinson Sword razor blade every decade (do they still make those things?). Someone's gotta come up with a good one for Kent and Chuck, as well.

Great panel of speakers throughout the day on Saturday, large hamfest with lots of goodies, some of 'em even useful, and a fine dinner Saturday night. How can it get any better?
72,73

Bob Hightower KI7MN

http://www.extremezone.com/~ki7mn

Date: Thu, 15 Jul 1999 09:26:59 -0500
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>
Subject: [45172] qrp full tablespoon
Message-ID: <378DEFB3.5AD00267@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 QRP rules the airwaves, worked Ivan , S51AP last nite ,had just cranked my NC-20 up to 4.98 Watts to try some DX ,heard Ivan's CQ, got an answer first try. I sent 599, and got back 599. Never mentioned QRP but I will in my QSL .Not bad for 5W and a zip cord loop arround the roof. Feel like I bagged an Elephant (non-endangered type) with my air gun.
72
Charlie
WA5KRF

Date: Thu, 15 Jul 1999 07:39:35 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45173] Re: out-of-call-district callsigns
Message-ID: <378D9037.C3ADD4D1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Agreed. Those of you who have QSO'd with Jim Duffey know that he _always_ signs KK6MC/5. Good example.
--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Thu, 15 Jul 1999 10:33:37 +500
From: Terry Bendell <terryb@bmts.com>
To: <whowell@hq.nasa.gov>
Cc: <qrp-l@Lehigh.EDU>
Subject: [45174] Re: QRO operations
Message-ID: <199907151434.KAA00091@Alice.BMTS.Com>
MIME-Version: 1.0

On 1999-07-15 whowell@hq.nasa.gov said:

>my opinion is whether you use qrp or qro makes no difference at the
>higher level. Reason is at least your radiating. Yes qrp is much

Hi Scott,

I read with interest your post on the subject. I just have a couple of thoughts I would like to share. I live in a regulated Townhouse complex, where they have antenna and Radio restrictions. Fortunately though the agency that governs these units has been very lax and I have had no trouble

with "Bending" the rules so far. I operate QRP exclusively, mainly because to use anything more then a couple of watts could/would cause havoic with neigbours various electrical devices. Even though their devices may be at fault do to various reasons of manufacture or installation/use. In Canada we are just seeing the first wave of the publics outcry against "EMP" "AC" and "Cellphone/Radio" hazzards. I speculate that in the coming years Amateur Radio may very well be legislated to less then 20 watts of output power in certain residential areas. IMHO the day is coming when QRO at HF/VHF/UHF etc are drawing to a close in residential areas. QRO some hams that feel they have the "Right" to crank it all up and damn the TVI, RFI, and health hazzards. I think this approach will ultimately result in very resrictive operating/power level controls. The world is getting smaller as the population increases, maybe we will have to all operate mobile eventually :^(

73
Terry

Date: Thu, 15 Jul 1999 10:42:35 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [45175] Nice QRPp QSO

Message-ID: <698DB793D712D31180B600902746422D17C3B2@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I was playing around in the shack last night building up a little dummy load/power measurement device and testing it out on some toys. I turned on the "big rig" (IC-728) to see what my mimimun power level is with my new power measurator thingy. I then switch to the antenna and listened around for Chuck on 30 meters. Not there - OK switched to 40m and scanned around a little.

What's this ... a little peanut whistle signal just above the noise floor Yep, and he's calling CQ. I called in all the filtering I have available and even had the Bencher audio filter down to 90 Hz. We exchanged our normal stuff which took a couple of tries, but we made the Q. The other station, Dick - K5TF was running 300mW. I was nice to see a miliwatter banging away on a noisy band, just defying the odds, and then coming up with Q's to prove it really works :-) That's a good night. I went to bed after that contact.

I don't know if Dick is on our list or not - but good job K5TF QRPp.

72 es have a great day all,

Nick - kfp2h . .

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov http://www.rhichome.bnl.gov/People/franco

Date: Thu, 15 Jul 1999 10:26:17 -0700
From: w4bws@juno.com
To: wlreed@viaduct.custom.net
Cc: qrp-l@Lehigh.EDU
Subject: [45176] Re: To The Field
Message-ID: <19990715.104301.-290319.1.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just got two of the canvas chairs in the carrying bag at Walmart
for 9.99 each. A liittle low for my comfort (long legs) but very
usable.
Don W4BWS

On Thu, 15 Jul 1999 06:50:14 -0400 "wayne reed"
<wlreed@viaduct.custom.net> writes:
>Gang,
> Just bought two camp chairs made of canvas. They were on Ace's
>monthly
>sale list. Just about perfect for QRP field operations [that's where
>mine
>are headed later this morning], compact, strong, comfortable and
>CHEEP!!
>[about $12 ea].
> Usual disclaimers!
>Wayne, k9ne
>wlreed@custom.net
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 15 Jul 1999 10:42:54 -0700
From: w4bws@juno.com
To: aa5tb@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [45177] Re: Letter campaign needed?
Message-ID: <19990715.104301.-290319.2.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd rather put my money into the antenna and receiver and not the
power company.
Anyone can work JT,VU, etc. with 2500 watts but it's a good nites
sleep after logging the DU, VU, etc with 5 or less watts. And I
know there are several areas that only open to my Florida QTH
a few days a month, that makes the skill more challenging than
to turn on the Alpha. No, I don't have one. I haven't run over 100
watts since 1958, and I ran qrp homebrew 1948 to 1958.
I do run 80 to 100 watts out on the TS530 when I need it to hold a

contact that starts to QSB or to hook a weak contact after 5 or 6
tries at qrp, but I usually shift to the qrp TX or lower the power out
during the QSO to qrp just to show the other station how well it works.
Honestly though, if you were sitting at 299 confirmed and only
needed that last one for the prized 300- it would be very hard not to
want that last bit of power to make the 300 honor roll. But for me
I just have to wait for the next sunspot cycle high and do it on QRP.
Patience has it's rewards. Life is too short for conflict- spend it on
QRP.
Skill / power = QRP, the Master Operator's formula.
Don W4BWS

On Wed, 14 Jul 1999 21:38:44 -0500 "Steve Yates, AA5TB"
<aa5tb@swbell.net> writes:
>"LIFE IS TOO SHORT FOR QRP..."
>
>NOT IF YOU KNOW WHAT YOU'RE DOING.
>
>Realistically though, QRO is just another aspect of the hobby and
>it's probably fun to blast stations all over the world. I personally
>just get more bank for the buck with QRP -snip-
> I'd probably just go for big antennas though.
>73, Steve Yates - AA5TB

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 15 Jul 1999 08:17:09 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45178] Re: Help
Message-ID: <001d01beced5$1c35db00$f7424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 14, 1999 9:16 PM

Subject: Help

> Hi All,
>
> There was a fellow who Chuck congratulated on his sending
> with a bug.
>
> He is also a banjo picker.....

That's alright, Ron. Nobody's perfect ;-)

72,

John, K6QQ

Date: Thu, 15 Jul 1999 11:42:36 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <vintage@best.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45179] RE: Letter campaign needed
Message-ID: <000c01beced8$a9bdd240$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I like QRP (owned a Power Mite, an Argo 505, then a 509, homebrew QRP rig, and presently use an Argonaut 515 and a 1939 6L6 Colpitts oscillator. I'm also building the 2N2/40).

But, I also operate a lot with my homebrew pair of 572Bs at 600 W out, an SB-220 at 900 to 1,000 watts out, and a homebrew pair of 4-400As on 160 meters.

So there!

Vy 73 es have fun! -- AI2Q, Alex in Kennebunk, Maine .-.-.

Date: Thu, 15 Jul 1999 11:45:44 -0400 (EDT)

From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [45180] W8KC QRP-L CD IMPORTANT MESSAGE
Message-ID: <Pine.OSF.3.95.990715111848.8564D-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am including this message with all my final CDs.

*This CD-ROM is created using Universal Drive Format (UDF). This CD-ROM
*can only be read on a computer with a multisession CD drive installed.
*If your PC has a CD drive of 24 speed (24X) or better, you are probably
*fine.

*IF YOU CAN NOT READ THE CD, OR GET A POP-UP MESSAGE...
*If you have the autoload feature of your PC disabled, you will need to
*run the AUTORUN.EXE file. Your PC may ask you to load software to
*enable UDF drivers, please do so (it's all done automatically and the
*software is on the CD!). Reboot your PC and enjoy the disk.

*IF YOU STILL GET AN ERROR...
*You probably do not have a multisession CD drive. You really should
*consider replacing it as it will soon (like right now) be made obsolete
*by multisession software requirements. 40X multisession CDs are about
*$40.

*Your other options, send the CD back to me, I will make gladly make you
*another ISO9660 CD for free.

Please email me if you have any concerns. I wish that I had thought there
may have been a problem with folks having older CD drives before I sent
these out. So far I have heard from two out of about 70 users, saying
that they can not read the disk.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<http://www.acs.oakland.edu/~prvalko>

Date: Thu, 15 Jul 1999 09:01:22 -0700
From: Jerry Haigwood <w5jh@swlink.net>

To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [45181] Ft Tuthill Home Brew Contest
Message-ID: <378E05D2.10FED67C@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Guys and Gals,

It's almost time for Tuthill! If you plan to sent me a home brewed project you want judged by Chuck Adams, Paul Harden, and Doug Hendricks, you need to get them in the mail/UPS/Slow Boat/Camelback now! I will be leaving for Ft Tuthill on Thursday afternoon July 22, but before the UPS man or mail arrives. That means you have to get your project to me by Wednesday July 21. Please include return postage. I will fill out the entry paper work for you and let you know how your project was judged. Send your packages to:

W5JH
Jerry Haigwood
12525 N 78th Drive
Peoria, AZ 85381

Don't forget to include any documentation/operating instructions,etc. The contest rules are posted below. See you at Tuthill!

73, Jerry W5JH

Home Brew Contest Rules

These are the rules for the QRP Home Brew Contest to be held at Ft Tuthill during the QRP symposium on Saturday, July 24, 1999.

1. The object of this contest is to entice you to home brew a QRP project. You may submit up to 10 home brew projects for judging. If you have more, get your spouse to submit some of them. :-) Home brew is defined as something you built. It could include such items as a kit, your original design, someone else's design, from scratch, etc. Your entry has to be submitted - you just can't bring a picture of it. :-)

2. Submit your QRP entries to the contest administrator, Jerry Haigwood, W5JH, and select one of four categories:

A. Keys/Keyers/Paddles/Accessories/test equipment.
B. XCVRs/XMITTRs/RCVRs
C. Regen Receivers
D. Ugliest thing you built that works

3. The entry cost is FREE!

4. Prizes will be awarded to the winner of each category and a Grand Prize will be awarded for the "Best of Show" entry. Certificates for the winners will be mailed out within 2 weeks after the show. Results will be posted to QRP-L for bragging rights.

5. Three judges will be used to determine the winners. Their decision is FINAL.

6. Persons submitting an entry should be prepared to discuss the design and construction of their entry. (Show and Tell)

7. Entries should be documented. Items such as a schematic, parts lists, assembly drawings, etc. will factor into the overall evaluation score. The more detailed, the better, but don't let the lack of documentation stop you from entering a cool project you did ten years ago!

8. You do not need to be present to submit your entry but we really want to see you at Ft Tuthill! If you will be submitting an entry by mail or UPS, contact Jerry Haigwood, W5JH by email: w5jh@arrl.net

Judging Criteria:

The entries will be judged using the following factors.

1. Is it QRP related?

2. Is it something useful for QRP radioing?

3. Is it something built recently? (Higher points awarded for recent construction)

4. Is the design solid?

5. Difficulty of the design.

6. Is the construction of good quality? (category 4 excepted!)

7. Does the unit do what it was built to do?

8. Is the unit well documented?

9. Any other criteria that the judges feel are important.

Date: Thu, 15 Jul 1999 12:46:32 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45182] qrp.... SSTV
Message-ID: <19990715.124727.-298083.7.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HI everybody:

HOKAY here is the deal.... in an effort to promote sstv qrp style... I wil monitor 7.228 mhz (the slow scan freq) from now.... ur now... to sunday....
So iffin u always wanted to try sstv qrp style here is ur chance...7.228 will be monitored for the next few days so send a cq or whatever u do and let's see what happens... AT WHAT TIME U SAY.... ANY TIME U WANT... if I don't hear u maybe someone else will....
REMEMBER:::::
u CAN'T SKY DIVE WITHOUT JUNPING OUTTA DE PLANE AND U CAN'T BRAG ABOUT IT UNLESS UR CHUTE OPENS....
Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 15 Jul 1999 12:51:43 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [45183] 20-15-10 signals down?
Message-ID: <199907151651.AA01337@world.std.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has there be some Sun related thing going on the last few days? Seems
like all the signals on 20-15-10 meters are way down for the past few days.

Anyone else notice this? (maybe it's just me).

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Thu, 15 Jul 1999 11:56:50 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [45184] ohr-400 /16 ohm headset OK?
Message-ID: <JBOJBBPOCGKJEAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I'm planning to calibrate my OHR-400 between now and the Gold Rush event (just completed assembly last night) and noticed that the manual warns against using stereo or high impedance headphones in place of the intended "8-ohm communication style". Well, I own a 16-ohm mono set from RS. Does anyone on the list have experience which will say how bad this might distort the audio?

Thanks in advance,
Joel NF9K

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http://www.eudoramail.com

Date: Thu, 15 Jul 1999 12:03:42 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [45185] QSL address
Message-ID: <19990715.120345.10086.1.k5ubs@juno.com>

to avoid repition on the list, reply to k5ubs@juno.com

I know this has been brought up on here before, but I didnt save the
info.
Worked S51AP on 20 last evening and didnt get QSL info correct. where can
I find it, not listed in QRZ
tnx in advance,
72
Oscar Hoyt, K5UBS, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 15 Jul 1999 12:07:49 -0500
From: Mark R Milburn <kq0i@juno.com>
To: qrp-l@lehigh.edu
Subject: [45186] Iowa QRP Net
Message-ID: <19990715.120750.-210859.0.KQ0I@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A big thank you to everyone who participated in the Iowa QRP Net last
night. Conditions were rough and we'll probably have to change
frequencies to get away from the BCI, but we had 7 Iowa stations and 2
hardy souls from other states checking in...special thanks to K8NWD in
Michigan and KK5XO in Oklahoma City.

Despite having a pretty rusty net control station (me) we got along
fairly well, and conditions in the evening should just get better as we
go along.

We encourage all your check-ions at 9 PM CDT on Wednesday nights, and the
frequency will be posted as we try to find that magic "just the right
place".

Thanks again to all.

72/73 Mark KQ0I
Des Moines, Iowa

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 15 Jul 1999 10:24:47 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [45187] Attack of the Condo Commandos..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0268@hq-expo2.filenet.com>

..I was assailed by the gestapo board of directors who run my homeowner's association out here in La-La land and had to dismantle my "roof-mounted dummy load". It was no real big loss (as the nickname implied) because my CQs were really creating quite a bit of inattention. In its place, I erected a fan dipole for 20-15-10 that proved to work quire nicely -- all three bands have a flat SWR and I got a 559 from IN running about 5-10 watts on 20 last night. Problem is the dipole(s) seem to be pretty noisy in the attic -- maybe it's just the band condx recently.

To cover 80-40 meters I strung out sort of a folded center-fed Zepp (the most I could get was 12 feet + 10 feet + 10 feet per side folded into almost a square loop). I fed that with approximately 30 feet of 450-ohm ladder line into an MFJ 949C tumer. I could get it to load o.k. with my 440s tuner into a 4:1 balun, but the MFJ didn't seem to work.

A few of questions for the group mind:

(1) Ayone had experience with the dual-RG-58 balanced line idea (is it quieter, is the impedance about 300-ohms, etc.)?
(2) Do you think I ought to diddle with the ladder-line length to see if I can load my "Zepp"?
(3) Should I tie the ends of the "Zepp" together and take my chances with a small horizontal loop?
(4) Will I find true happiness and the path to enlightenment by visiting Ft Tuthill?

..by the way, you might be interested in knowing that the Communications act of 1996 along with several FCC rulings have blown CC&Rs out of the water with respect to 1-meter satellite dishes *and* any size TV antennas. Can ham radio be far behind?

..oh, and I joined the board of directors!

Date: Thu, 15 Jul 1999 10:37:27 -0700
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: Arjen.Raateland@vyh.fi
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [45188] Re: K2 SSB option?
Message-ID: <378E1C57.D2CFAE20@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Arjen,

We started fabrication on the SSB PC boards this week. (Along with the noise blanker and the 160M/ 2nd Ant. boards.) We will post to the Elecraft list and our web page as soon as they check out and are ready to ship.

72, Eric

http://www.elecraft.com

Date: Thu, 15 Jul 1999 10:45:19 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [45189] RE: Attack of the Condo Commandos..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE026E@hq-expo2.filenet.com>

Appreciate the response however, it is NOT determined by the contract (as much as one might expect). The FCC rulings (mandated by section 207 of the Communications Act of '96) literally vacates any such restrictions in CC&Rs and says that the associations may (in essence) not limit antennas nor require that they be mounted "out of sight" if it materially diminishes the reception. This also extends to filing an applkication, excessive fees, and even the pole that the antenna would be mounted on. When I read this, I was shocked at the strength of the language. Also, my sources were also the web sites of law firms who specialized in representing such associations.

All-in-all, it was very heartening. But, you may rest assured, I am not pouring the foundation for my 50 foot tower just yet!

-----Original Message-----
From: Mike Yetsko [mailto:myetsko@insydesw.com]
Sent: Thursday, July 15, 1999 10:35 AM
To: wphinizy@filenet.com

Subject: Re: Attack of the Condo Commandos..

>..by the way, you might be interested in knowing that the
Communications act
>of 1996 along with several FCC rulings have blown CC&Rs out of the
water
>with respect to 1-meter satellite dishes *and* any size TV antennas.
Can ham
>radio be far behind?

Well, actually that's not true. What has happened is that it really
depends
on the contract. But 'blanket' restrictions against antennas are easy
to
overturn. And if you are in a place that distinguishes antennas by
function,
and they allow ANY antenna at all, even if it was technically
prohibited, you
could probably break it. But if the contract was well written, AND the
contract
was enforced, it would be tough. Private covenants are a bitch no
matter
how you look at them.

But joining the board was a wise first step. If you vote to allow
ANYBODYs
antenna for almost ANY reason, then when you're off the board you put up
something, the ice has already been cracked from a legal standpoint,
even
if the other residents don't see it that way.

Mike Yetsko
N1DVJ

Date: Thu, 15 Jul 1999 13:45:38 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Joel Malman <malman@world.std.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45190] Re: 20-15-10 signals down?
Message-ID: <Pine.3.89.9907151344.A12272-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jul 1999, Joel Malman wrote:
>
> Has there be some Sun related thing going on the last few days? Seems
> like all the signals on 20-15-10 meters are way down for the past few days.
>
The ether (aether?) is still saturated from the IARU RadioSport last
weekend. Wait a few more days for all this RF to dissipate and there
will be room for more.

 73,
 ,'' '',
 Bob Patten, N4BP (0 0) Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

 E-Mail: n4bp@bc.seflin.org
 Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
 Brass Pounder BBS: (954) 472-7715

Date: Sat, 10 Jul 1999 04:12:17 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: frank@g3ycc.karoo.co.uk, qrp-l@lehigh.edu, w5xe@juno.com
Subject: [45191] Re: It's a record
Message-ID: <37871C81.50DDC1E3@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not really Frank as the Customs and Excise boys would be there
with hands our for their 80 or 90% VAT or whatever.
Congratulations on the site and the popularity. I visit often.
73
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

Date: Thu, 15 Jul 1999 19:04:50 +0100
From: Goran Hosinsky <hosinsky@jet.es>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [45192] QRP sprint this weekend?
Message-ID: <378E22C2.C9639652@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth but I lost my notes. Is there some sort
of QRP sprint on 20 meters this weekend? Please reply directly
to hosinsky@jet.es as I am off the list, on vacations for a week.
73
Goran ea8yu

Date: Thu, 15 Jul 1999 14:09:03 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [45193] AR QRP 40m Net Results
Message-ID: <470d28df.24bf7dbf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 9 QNIs. We had several new QNIs which is great.
Propagation was OK, and the band noise level rose and fell throughout the
net, typical of summer cndx. As always, it ws fun - and a challenge - to copy
the sigs.The net began at 0030Z and ended at 0113Z. Thanks to those who
participated! Here are the stations that checked in:

N5IB Jim
W2XN Fred
WA4SQM Ken
K1ZW Larry
WT9S Jay
K5UF Randy
KR5L (Lost him!)
K8NWD Tim
AA0B Roy

Special note: We need replacement/fill-in NCS ops for the nets With summer
vacation upon us, others are needed to keep the net going. If you can carry
on a QSO in CW, you can handle the job of NCS! Please email me and let me

know if you could fill in occasionally.

The NCS was Bob AB5ZD , using the AR QRP Club call NQ5RP, QTH Alexandria LA, running 5 watts to a G5RV up about 25 feet in pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 mhz
Wednesday Night	0030Z	7.042 mhz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 15 Jul 1999 14:22:31 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wphinizy@filenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45194] Re: Attack of the Condo Commandos..
Message-ID: <002e01beceef$018ee480$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Appreciate the response however, it is NOT determined by the contract (as
>much as one might expect). The FCC rulings (mandated by section 207 of the
>Communications Act of '96) literally vacates any such restrictions in CC&Rs
>and says that the associations may (in essence) not limit antennas nor
>require that they be mounted "out of sight" if it materially diminishes the
>reception. This also extends to filing an applkication, excessive fees, and
>even the pole that the antenna would be mounted on. When I read this, I was
>shocked at the strength of the language. Also, my sources were also the web
>sites of law firms who specialized in representing such associations.

That may be true in essence with 'community' covenants, but a very

common
problem here in the northeast is 'private' covenants. They are almost
'unbreakable' unless and until the original holders have passed on, and
all
subsequent holders agree.

My ex-mother-in-law built a house in a community where there was an
original private covenant (against above ground pools, and campers
and I think trailers visible (although a boat is ok, it just can't be on
a
trailer!)) and it's pretty iron clad. A number of the people have
looked
into breaking it, and even after multiple sales, it's still ironclad.

When I was looking to buy, a LOT of places had covenants. I guess
'do-gooders' on councils pressured developers to put the covenants in
place. I walked from one place over a covenant. Where I bought with
my wife, and where I bought when we divorced, I made SURE there
were no covenants. I even specified in my P&S the contract was
with no covenants.

Mike Yetsko
N1DVJ

Date: Thu, 15 Jul 1999 11:24:20 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: "Phinizy, William" <wphinizy@filenet.com>
Cc: qrp-l@lehigh.edu
Subject: [45195] Re: Attack of the Condo Commandos..
Message-ID: <19990715112420.A3373@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Thu, Jul 15, 1999 at 10:24:47AM -0700, Phinizy, William wrote:
> (4) Will I find true happiness and the path to enlightenment by visiting Ft
> Tuthill?

I certainly hope so. It may help if you arrive in a multi-colored VW
bus, wearing a flower in your hair.

>
> ..by the way, you might be interested in knowing that the Communications act
> of 1996 along with several FCC rulings have blown CC&Rs out of the water
> with respect to 1-meter satellite dishes *and* any size TV antennas. Can ham
> radio be far behind?

One can only hope. (but my full-size 20 m yagi is only used for SSTV!)

>
> ..oh, and I joined the board of directors!

So did I (probably for the same reason). Now they elected me
president (that will teach me).

I can only get to part of my attic, but am considering some #26 wire
laying on the tile roof.

73,

Bob, w6swe

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Thu, 15 Jul 1999 13:32:01 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45196] Clothes Pen Paddle
Message-ID: <00ae01becef0$6bfd7c40$21e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hmmmm. How about a Clothes Pen Iambic Paddle?
What u guys think?

72/73,

Randy Jouett, AB5NI

Date: Thu, 15 Jul 1999 14:08:44 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [45197] Lifes too short...
Message-ID: <199907151851.OAA11335@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

One problem I can see with running major QRO power is you'd best be
able to hear weak signals also. A big signal attracts lots of
attention and most of those replying will probably not be nearly as
loud as you are. Plus, there's a good chance there will be a bunch of
those weak signals trying to get back to you.

So, I'd say a big signal QRO op needs to have pleanty of skill,
unless they just want to talk to other 20 over S9 guys. I guess
there's are a few of those around too...

Life's too short for a lot of things we'd all like to do :-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 15 Jul 1999 14:08:43 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: nf9k@eudoramail.com
Cc: qrp-l@lehigh.edu
Subject: [45198] Re: ohr-400 /16 ohm headset OK?
Message-ID: <199907151851.OAA11347@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>manual warns against using stereo or high impedance headphones

I don't know why they might advise against using high impedance phones, (unless they mean really high like 2K ohms) but the stereo ones might be a problem due to the phone jack. If it's a mono jack (most likely) you'll only get sound out of one side of the headphones.

That's easy enough to fix by changing the jack to a stereo one of making (or buying) a mono to stereo adaptor.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 15 Jul 1999 13:33:36 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: rules@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45199] Re: Clothes Pen Paddle
Message-ID: <378E378F.322376A5@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a single paddle "key" that uses a real "key" for the paddle. A work in progress which looks slick and shows great promise.

Bruce kk7zz

Date: Thu, 15 Jul 1999 14:45:57 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [45200] RE: Letter campaign needed
Message-ID: <27687-378E3A75-4253@postoffice-112.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Have never had a legal limit amplifier or a tower or a full size beam or quad but have exceeded my expectaions with qrp to a dipole and a short vertical and at times have used 90 watts full bore output to chase the rare dx and its all been fun. Its not so much what you have , its what you fun with , that matters.
k1zw

Date: Thu, 15 Jul 1999 14:55:54 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: prvalko@oakland.edu
Cc: qrp-l@lehigh.edu
Subject: [45201] Re: W8KC QRP-L CD IMPORTANT MESSAGE
Message-ID: <E114rd1-0008VV-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Thanks Paul for the note to the group.

I just spent part of today installing the
original CD drive back as the master CD drive
and the CD writer as the slave drive in order
to get the WorldBook CD to work.

Had I had Paul's note earlier today he would
have saved me about 2 hours and a trip to get
a power spliter as all the drive DC power
connectors were in use.... :-)

Thanks. I still haven't gotten an answer why
the R/W CD's don't work in place regular CDs
in old drives and Walkman-type audio players.

FYI

Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Date: Thu, 15 Jul 1999 13:54:56 -0600

From: Bruce Kizerian <kizerian@ced.utah.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45202] Re: Letter campaign needed
Message-ID: <378E3C90.3F051407@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Life's too short to worry about people who think life is too short for QRP.

Bruce kk7zz

Date: Thu, 15 Jul 1999 16:05:59 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45203] RE: Lifes too short...
Message-ID: <NBBBJDEEIFDDANGEGHLBOEMDGEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All... despite the fact that I have an Alpha 78 (OK... so I've only turned it on 3 times in the past year or two-all three to keep the HV caps formed), I have ALWAYS resented that " Lifes too short..." phrase. There are times when QRO can be justified-as the only way to accomplish some situationally-specific 2 way communication. I do not personally consider anything but freq & propagation to be an excuse for it-but that's my own choice. I don't tell "them" what to do, and I do not expect them to knock my sticking to either QRP (95%) or one of my 75-90W boat anchors. Hence the resentment.

Funny that a QRO company finds it necessary to knock US-instead of the other way around. We should take it as a compliment now that I think about it... so maybe instead of resenting it, I should continue to play the game my way, and ignore them.

72 / 73 Ed N4XY Elecraft K2 sn: 000057

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
"Begin at the beginning... and go on until you come
 to the end: then stop."

The White Rabbit, from "Alice In Wonderland"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Date: Thu, 15 Jul 1999 15:21:05 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [45204] Propagation went downhill this week
Message-ID: <E114s1M-0000wM-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

If you go over to:

http://www.dxlc.com/solar/

and look at the charts you can immediately see
what happened to propagation. :-)

You'll note that about 4 days ago the solar
flux was rising but then I decided to set aside
some non-premptive time for working 30 meters.
The rest is history. :-)

The same thing happens with there is an ARCI or
TTF event. The sun is picking on us. ;-) I
guess I need now to go to a sun block of 50 or
more... Better yet I'll just stay inside until
the cool season. How does the sun know to go
south for the winter in the northern hemisphere?
;-)

FYI and amusement

P.S. Did anyone else note that Jan Alvestad plopped

a copyright notice in the plots? Guess they were
being used in too many publications without his
permission.

Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Date: Thu, 15 Jul 1999 13:27:37 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45205] Re: W8KC QRP-L CD IMPORTANT MESSAGE
Message-ID: <378DE1C9.6E1C64F7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck Adams writes: "Thanks. I still haven't gotten an answer why
the R/W CD's don't work in place regular CDs in old drives and
Walkman-type audio players."

According to Hewlitt-Packard, who made the CD-writer I use, CD-RW discs
can only be read by a true multiRead CD-ROM with UDF reader. _Most_
internal CD-ROM drives in computers, boom boxes, walkmans, etc. are not
MultiRead drives. That's why I warned listers to send me only CD-R
discs to copy the archives to. Haven't received any complaints yet, so
I guess that works.

FYI, I made up an audio CD with some of my favorites, using the HP-8110
writer. The CD would play in my Pioneer CD in the Jeep, but not in my
boombox (Sony), the home system (Fisher) or the XYL's 1998 Honda.
Wouldn't play in the CD player in my new Dodge truck, either. Don't know
why. It seems that there are very few "standards" in the CD-ROM
industry.
--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Thu, 15 Jul 1999 14:29:17 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [45206] QRP Banjo

Message-ID: <378E449D.CB061B59@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The several ham banjo players on QRP-L may be interested in
my "other project"--a backpackable, portable, cheap
mini-banjo. Sorry for the bandwidth, but I do not know who
all of you are yet. When I find out, we can take our
conversation elsewhere.

Bruce kk7zz

Date: Thu, 15 Jul 1999 20:31:45 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [45207] QRO/QRP discussion. DLA's
Message-ID: <378E4531.7854@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As a police officer they taught us methods of stress reduction
in certain cituations.

Without actually meaning that you do agree with the
person's argument, you say "I understan' that" instead
of "I understand that". Drop the 'd'. It works just
as well without feeling that the driver just educated
you as HE thinks.

The point is that QRO is what YOU think it is and not
what someone else has sloganized. (New word, eh?)

QRO might just be any increase of power. QRPp qro'd
to 1.1 watts is QRO.

Perhaps QRP is any power that a QRO'er can't be 10 over S-9?

What's the other guys' definition? we'll probably never know.

A direct insult is obvious. "My way is better than yours".
I never see it that way. Perhaps that QRO op has some

magnificent DX that he seeks or ERP is down due to factors
one must yet identify. Maybe efficiency is optimum and the
path-loss to that Venusian QTH requires such power if that
VDDX (Very Distant-DX) station is to be bagged. Nature
deems it necessary. The neighborhood touch-lamps can
be triggered by near-field transmissions and this is a goal.

These are some private thought possibilities to generate
smiles when one hears the QRO/QRP challenge phrases.

Not to be bothered, yet entertained am I by these QRO declarations.

Enjoyment is relative to goals and part of mine is pushing
the efficiency envelope. Not just knowing I can do it, but
testing it often.

Who else has 3 QSO's with a dummy load for the antenna
in the logbook? I know I do and it wasn't easy.

Perhaps life is too short for dummy load antennas, but I'll
try just about anything once. Two or three times if I failed
the first time.

No matter what your ERP, if you subscribe to "The Amateurs Code",
I am a friend to thee.

72/Ed Loranger we6w

--
-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 15 Jul 1999 20:38:53 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [45208] ULS and pushed updates.
Message-ID: <378E46DD.D9E@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Friends, the fcc.gov website has the new "ULS" access
button and I filled in my information. The current issue
of WorldRadio had a small article on online updates etc.

The FCC is stated to begin "Deployment" of the ULS system
in August this year. Form 605 is yet to be available for
electronic updates to this data.

So I visited the page and they processed my change of
address etc. thru their registration process and now
wonder if I still need to wait until August for form
605 to become available. Seems silly to mail in a
610 form for address change. And they have everything
they need about me after I filed the ULS data.

Anyone know when this data will be uploaded to QRZ.com?

Nothing yet and it has been 2 days. Email to editor@qrz.com
was not answered by them.

Lil' help? -Ed we6w

--
-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 15 Jul 1999 12:16:14 -0700
From: Dan Presley <talljazz@teleport.com>
To: ctrask@primenet.com
Cc: qrp-l@LeHigh.edu
Subject: [45209] qrp-banjo joke!
Message-ID: <v03007814b3b3e0da32df@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What's the difference between a banjo and an onion? Nobody cries when you
cut upa banjo :).
What's the least heard remark in the music business? "where's the banjo
player's Porsche parked?"

Sorry, but I couldn't resist! I used to play 'qrp' banjo; fretless, with no
picks, and a skin head.

Dan Presley-N7CQR-Portland, Or QRP-L #502

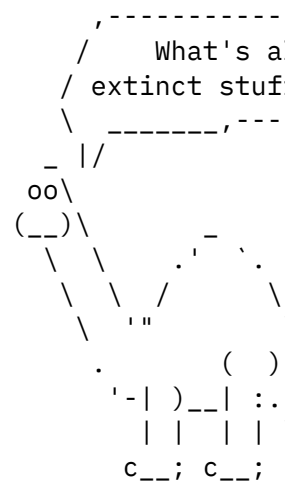
Date: Thu, 15 Jul 1999 13:58:12 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Dan Presley <talljazz@teleport.com>
Cc: qrp-l@LeHigh.edu
Subject: [45210] Re: qrp-banjo joke!
Message-ID: <Pine.BSI.3.96.990715135612.20722A-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jul 1999, Dan Presley wrote:

> What's the difference between a banjo and an onion? Nobody cries when you
> cut upa banjo :).
> What's the least heard remark in the music business? "where's the banjo
> player's Porsche parked?"
>

Q. Why is a banjo like a long court trial?
A. Everyone's happy when the case is closed.

Q. Why do banjo players put their cases on the dashboard?
A. So they can park in handicapped spaces.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 15 Jul 1999 17:29:06 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45211] QRP.... SSTV
Message-ID: <19990715.172953.-307121.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HIGH GANG:

 I'm still monitoring 7.228 mhz (the slow scan calling freq) and all is quiet right now... don't be afraid to get on a nd give it a try....
Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Thu, 15 Jul 1999 13:37:33 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [45212] FS
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

MFJ-9030 CW Xcever.
has small scratch on front panel.
With original box and manual
Comes with a TiCK 2-B Keyer and manual.
Keyer is installed in an attractive small box.
Both units in good condition.
Price for both units together $105 Shipped CONUS
Ed WD7Y
775-825-5163

Date: Thu, 15 Jul 1999 17:56:28 -0400

From: Lee Jarvis <l2jarvis@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [45213] Re: qrp-banjo joke!
Message-ID: <3.0.6.32.19990715175628.007dbab0@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Q: What does it mean when the banjo player is drooling from both sides of
his mouth?

A: The stage is level!

At 12:16 PM 7/15/99 -0700, you wrote:
>What's the difference between a banjo and an onion? Nobody cries when you
>cut upa banjo :).
>What's the least heard remark in the music business? "where's the banjo
>player's Porsche parked?"
>
>Sorry, but I couldn't resist! I used to play 'qrp' banjo; fretless, with no
>picks, and a skin head.
>
>
>Dan Presley-N7CQR-Portland, Or QRP-L #502
>
>
>

Date: Thu, 15 Jul 1999 17:05:52 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [45214] Re: Attack of the Condo Commandos..
Message-ID: <1.5.4.32.19990715220552.00a59808@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear OM,

I used paralleled RG-58 for years in townhouse attic antenna installations.
I did not bother to join or ground the shields. An excellent upgrade is RG-6
(quad-shielded version with 2 braids, two foils) sometimes available for the
asking from cable installers. Same deal, just leave the shields float.

Yes, the bands seem to be noisy lately but condos, townhouses and apartments
are notorious for providing liberal doses of vertically polarized man-made

noise. Best way to confirm that is during your next power outage. Have a battery ready! <g>

My last indoor antenna farm used twinax. It's my favorite shielded feedline if there is space to slip the larger diameter material through the cracks and holes.

I prefer shielded over a balanced feedline as long as it is not needed to make up missing mechanical length in the antenna itself. In that case, go with twinlead as long as no one complains about TVI, and noise pickup is not a major problem.

All three of the shielded feedline options are quieter than twinlead, window line or traditional coax, in my opinion. I was a cliffdweller for 18 years, until this time last year. <joy>

I always used a balanced feeline and a tuner. Your MFJ 941C is a great design and will match just about anything. Check and see if the jumper between the balanced line and wire terminal is making contact.

Hope this helps.

de Dave, NF0R nf0r@slacc.com

Date: Thu, 15 Jul 1999 18:19:48 -0500
From: Jeff Logullo <logullo@mindspring.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45215] Re: QRP-L CD
Message-ID: <378E6C94.A83B3E3C@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ooohhh, am I glad I saw Tim's message about QRP-L CDs...

Folks, on the off-chance that you recently ordered a CD from me this week, I need to tell you I'm out of town this week and next. I'll then be home for the weekend, then gone for two *more* weeks. (Job rotation, they call it...)

If you have ordered from me this week, drop me an email (direct to me, NOT to the list) and we'll figure out what to do. Anyone in a hurry to get a CD, best not order from me until mid-August.

Sorry about bandwidth all, and thanks.

P.S. I'm in Burlington, MA, north of Boston. Any QRP club meetings coming up in the area?

Jeff N0MII

Date: Thu, 15 Jul 1999 18:26:34 -0400
From: david fouchey <dafouchey@home.com>
To: talljazz@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45216] Re: qrp-banjo joke!
Message-ID: <378E601A.CED10DA1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How did you get the Skin Head to sit still?

Sorry it was just "there"..

Dave
WA4EMR/8

Dan Presley wrote:
>
> What's the difference between a banjo and an onion? Nobody cries when you
> cut upa banjo :).
> What's the least heard remark in the music business? "where's the banjo
> player's Porsche parked?"
>
> Sorry, but I couldn't resist! I used to play 'qrp' banjo; fretless, with no
> picks, and a skin head.
>
> Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Thu, 15 Jul 1999 17:26:56 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45217] Re: Archived QRP-L CD and the Send button
Message-ID: <000e01becf11$2c9c7f80$167054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I don't know about anyone else, but this CD sure makes me re-think my posts
>before I hit that "Send" button. All those flames, stupid remarks, off
>topic posts, mine and everyone elses are there, preserved for posterity.
>
>That's kinda scarey isn't it?

I sort of thought the same thing when looking at the archives. It also makes you appreciate the value of having a subject line that actually has something to do with the message content.

It would be nice if we could put some kind of special code on the subject line which would cause the archiving doohickey to skip the message.

72,

Nick, WA5BDU

End of QRP-L Digest 1519

